

# Julie Hutcheson

## Marine Oil Spill Prevention & Response Program



# MOSPRA Program Background



**B120 Oil Spill 2003**



**Tugboat Escorts**



**Oil Spill Act 2004**  
**MOSPRA**



**Navigational Aids**

...



**Local Response  
Capability**  
GRPS / Equipment / Training



**Port of New Bedford  
Mystery Sheen & Bilge  
Pumpout Pilot Project**

# Bouchard B-120 Oil Spill



April 27, 2003



# Bouchard B-120 Oil Spill

## Location of Buzzards Bay Oiled Areas Approximations Based on USCG Maps




Locations based on USCG maps up to May 21.

**Oiled Areas**  
(includes very light to heavy oiling)

Note: This map shows areas that had any level of oiling at any time since April 27, 2003. Many oiled areas have been already been remediated.

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Information compiled by the Buzzards Bay Project. Draft. Printed 5/23/03.

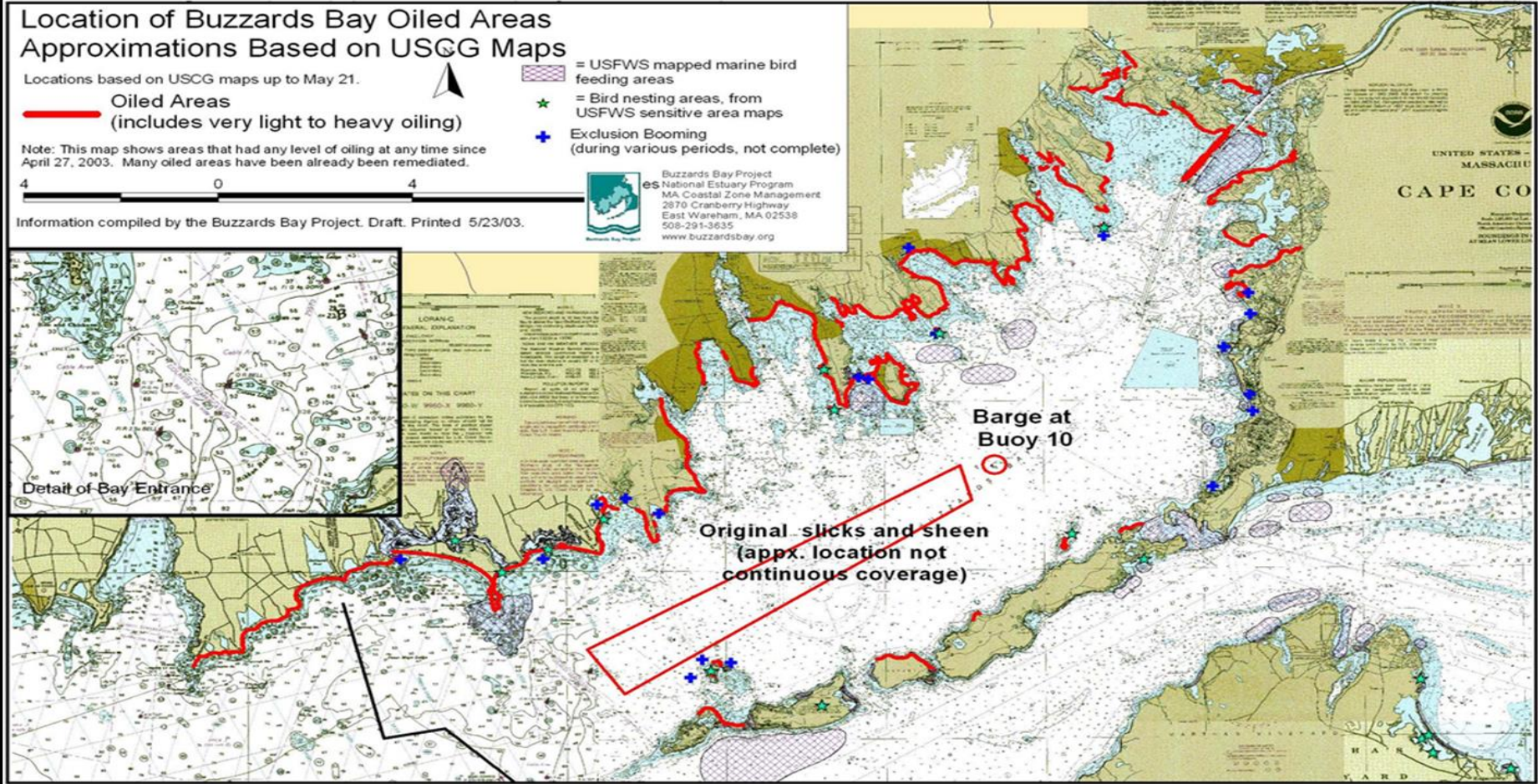
-  = USFWS mapped marine bird feeding areas
-  = Bird nesting areas, from USFWS sensitive area maps
-  = Exclusion Booming (during various periods, not complete)



Buzzards Bay Project  
es National Estuary Program  
MA Coastal Zone Management  
2870 Cranberry Highway  
East Wareham, MA 02538  
508-291-3635  
www.buzzardsbay.org



Detail of Bay Entrance



MassDEP



# The Oil Spill Act

Massachusetts Oil Spill Prevention and Response Act  
“The Oil Spill Act” “MOSPRA”

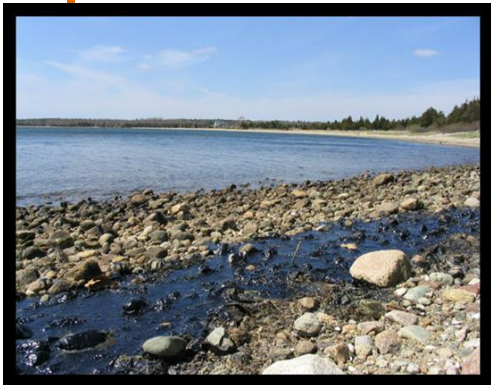
*An Act Relative to Oil Spill Prevention and Response in  
Buzzards Bay and Other Harbors and Bays of the  
Commonwealth*

M.G.L 21M, 314 CMR 19.00



# MOSPRA

- Marine Oil Spill Prevention and Response Program
- Oil Spill Act Advisory Committee
- MOSPRA Trust Fund - \$0.05 fee / bbl unloaded at a Marine Terminal in Massachusetts
- Created Areas of Special Interest
- Enhanced authority under relevant statutes, penalties, added “oil” to Chapter 21E, Section 6

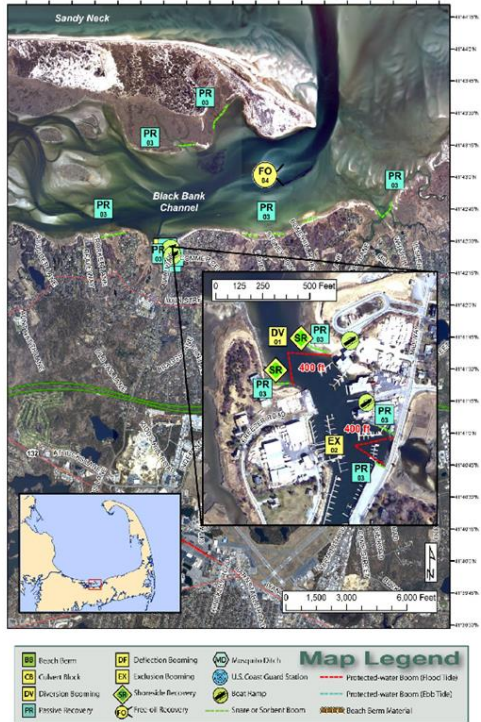




# GRPs / Equipment / Exercises



Cape and Islands Geographic Response Plan  
Barnstable CI-03



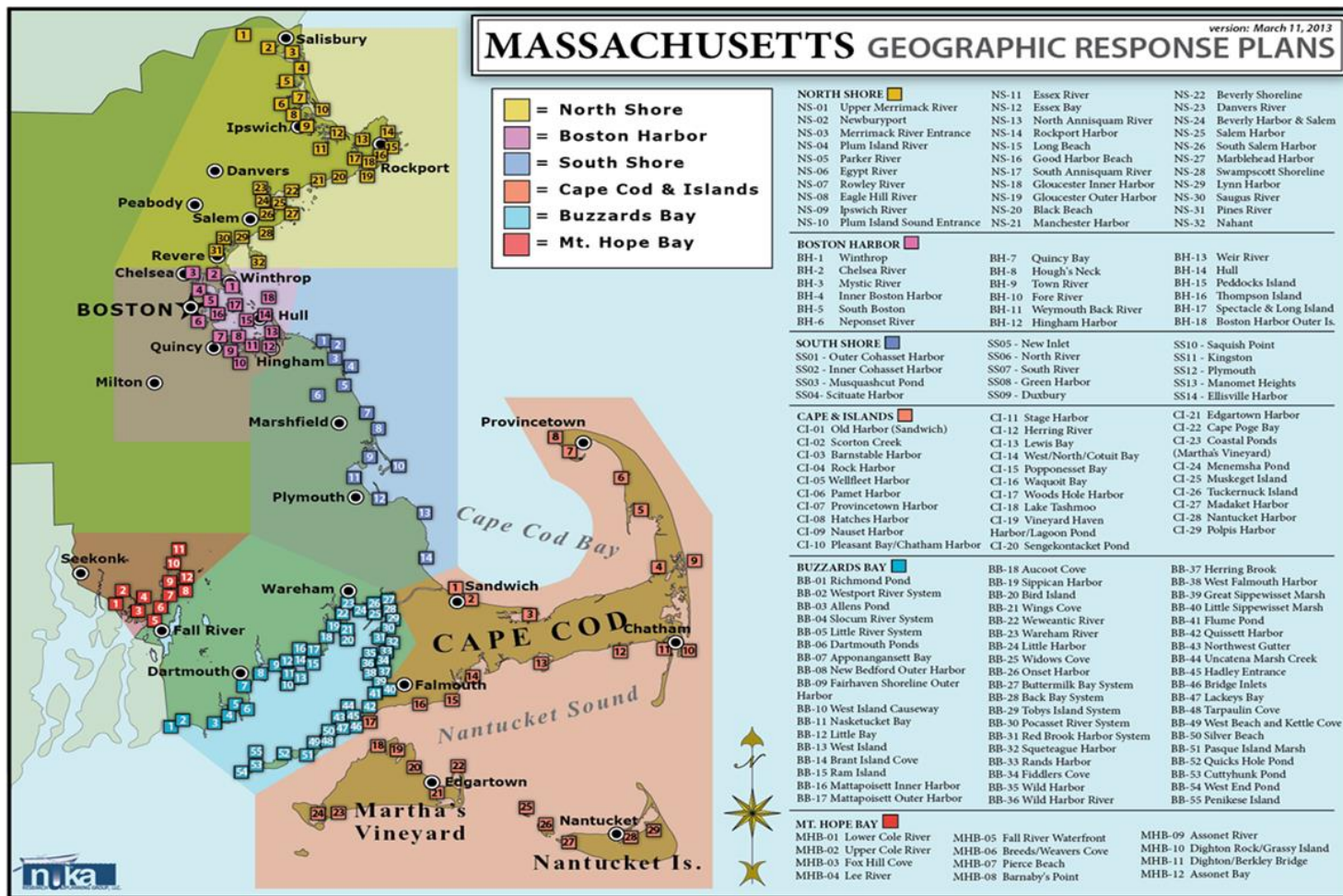
A total of 1 State Response Trailer is required to implement all of the tactics in this GRP.  
Responders should always consider on-scene conditions before deploying GRP tactics. Tactics may not be safe or effective under certain conditions. Responder safety should always be the first priority.

Version: September 2009  
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Nuka Research and Planning Group, LLC



# Geographic Response Plans

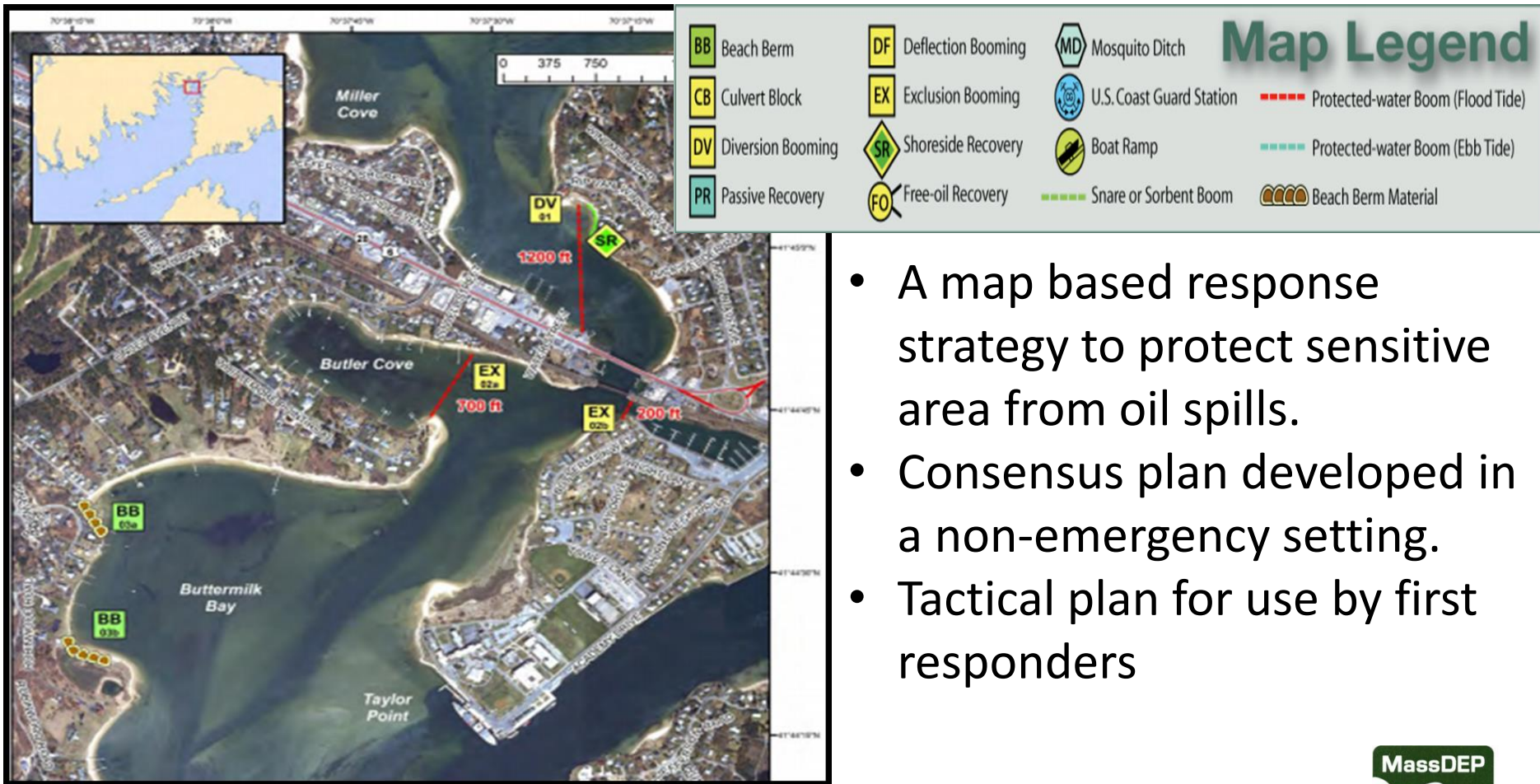


MassDEP



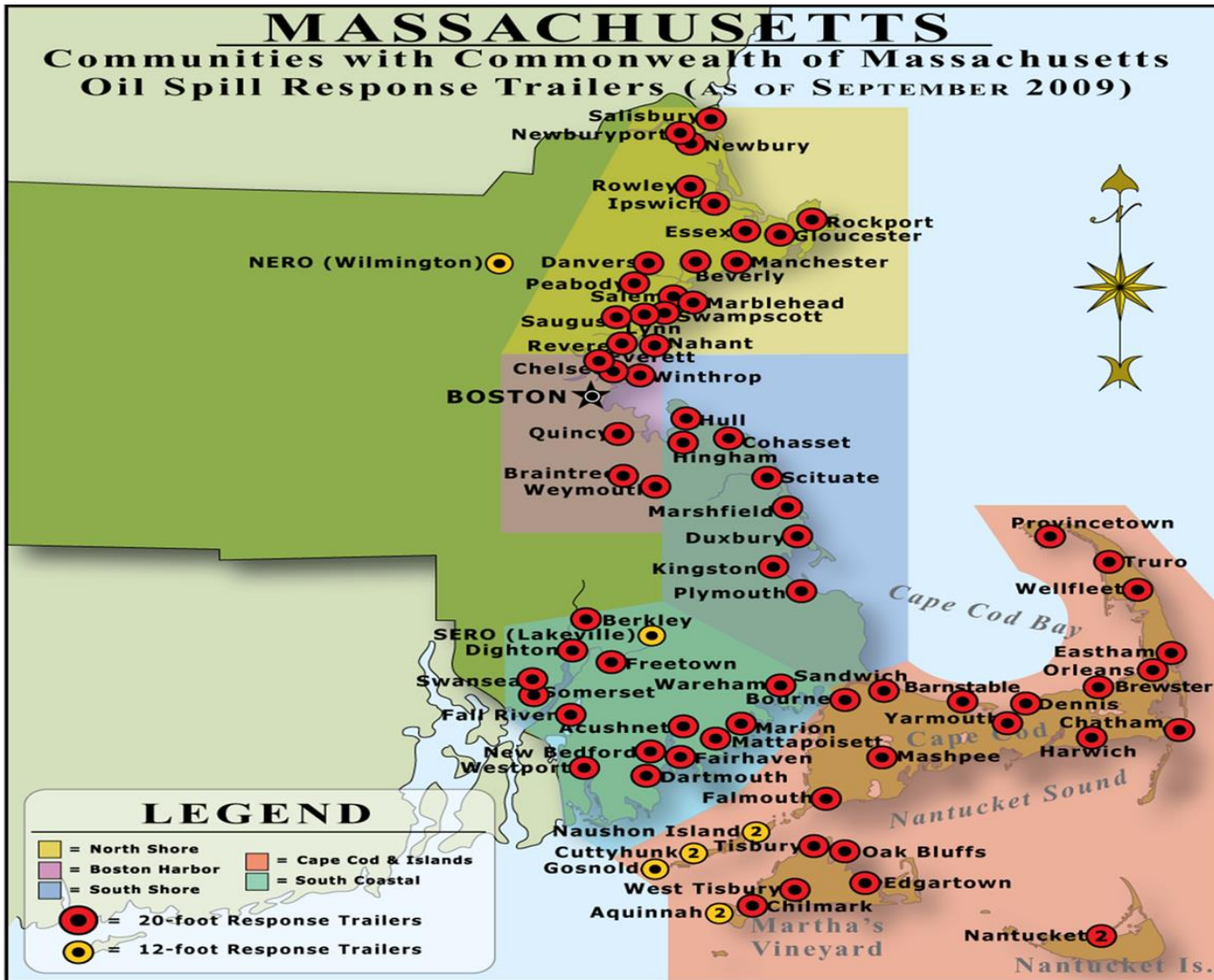


# Geographic Response Plans



- A map based response strategy to protect sensitive area from oil spills.
- Consensus plan developed in a non-emergency setting.
- Tactical plan for use by first responders

# Oil Spill Response Trailers



# Oil Spill Response Equipment

- 70 Coastal Communities
- 81 Oil Spill Response Trailers
- 81,000 ft Containment Boom
- 2000 ft of 36" boom staged at MMA and New Bedford
- MassDEP retains ownership
- MassDEP contractor maintains and restocks - Moran Env





# First Responder Training & GRP Testing Exercises

- Since 2009 – 56 Exercises
- 6-7 exercises / year – Spring & Fall
- Over 1,300 First Responders Trained
- 2-3 Towns per training
- GRPs are revised based on field exercises
- Nuka Research & Planning – MOSPRA Contractor

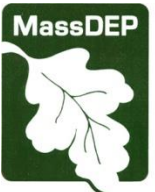


# Truro/Provincetown/ Wellfleet First Responder Training & GRP Testing Exercise



Pamet River – Pamet Harbor  
Test: CI-06 GRP tactic DV-01b, 1,000 ft  
40 Participants:

- 3 towns FD / Harbormasters
- CC National Seashore/ USCG/ DFS



# Chelsea / Everett

## First Responder Training & GRP Testing Exercise



- Mystic River BH-03 at Island Ends River
- Exclusionary tactic EX-01d
- 34 Participants





# Westport/Dartmouth

## First Responder Training & GRP Testing Exercise



- Apponagansett Bay
- 29 Participants
- DV - Diversion tactic



# Drilling for a spill



Orleans firefighter/paramedic Brandon Henderson, left, and Orleans firefighter/paramedic Jesse Rancourt help haul out a boom deployed in Rock Harbor on Tuesday as part of the oil spill drill. MERRILY CASSIDY/CAPE COD TIMES

**T**eams of responders descended on Rock Harbor in Eastham to hone their skills containing a make-believe oil spill on Tuesday.

Firefighters, harbormasters and natural resource officers from Eastham, Orleans and Brewster, along with state

and county officials, used containment equipment each town received in recent years as part of a settlement following a 2003 oil spill in Buzzards Bay.

About 45 people and 14 agencies were involved in the drill, Orleans Deputy Fire Chief Geof Deering said. There was a two-hour classroom session in Eastham Town Hall and then the hands-on training, at times in a downpour, began in a parking lot on the Eastham side of the

harbor.

"Hopefully there is never an emergency, but if there was, our ability to deploy resources, to work together with different agencies and to protect the environment in a short amount of time is really valuable to the community," Deering said. "The best way to prepare for that is to practice."

— Mary Ann Bragg



# Tugboat Escorts

- Vessels carrying 6,000 or more barrels of oil must hire a Tugboat Escort to enter or transit “areas of special interest” (M.G.L. c. 21M sec 6(a))
- “Areas of Sensitive Interest” are defined as the waters of Buzzards Bay (including Cape Cod Canal), Mt Hope Bay and Vineyard Sound (M.G.L. c.21M sec 1)



- 563 transits through Buzzards Bay
- Each barge carries 1-4 million gals



# Aids to Navigation

- Specified in M.G.L. 21M
- Wave Sensor Buoy deployed in Cape Cod Bay east of the CCC
- Data integrated into Physical Oceanographic Real-Time System (PORTS)
- Data is available to the public

**Station 44090**  
**Cape Cod Bay, MA (211)**



# New Bedford Harbor Mystery Spill Project

## Clean Bilge Pilot

Dan Crafton

Section Chief Emergency Response SERO

LT Lynn Schrayshuen

USCG



MassDEP

